

CHAPTER 10
LIST OF PREPARERS

10. LIST OF PREPARERS

This *Revised Draft Environmental Impact Statement for Decommissioning and/or Long-Term Stewardship at the West Valley Demonstration Project and Western New York Nuclear Service Center* was prepared by the U.S. Department of Energy (DOE). The organizations and individuals listed below contributed to the overall effort in the preparation of this document. The New York State Energy Research and Development Authority (NYSERDA) reviewed and provided input to DOE on environmental impact statement (EIS) chapters, appendices, and support documents, prepared the Quantitative Risk Assessment for the State-licensed Disposal Area (SDA), and prepared the “NYSERDA View on EIS Analyses and Results.”

CO-LEAD AGENCIES

CATHY BOHAN, U.S. DEPARTMENT OF ENERGY

EIS RESPONSIBILITIES: EIS PROJECT MANAGER

TITLE: NEPA Compliance Officer, EIS Document Manager, and Tribal Point of Contact

PAUL BEMBIA, NEW YORK STATE ENERGY RESEARCH DEVELOPMENT AUTHORITY

EIS RESPONSIBILITIES: SEQR REVIEWER

TITLE: Director, West Valley Site Management Program

PREPARERS

SUZANNE C. CREDE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: EIS PROJECT MANAGER

Education: M.A., Guidance and Counseling, West Virginia University
B.S., Chemistry, General Science, and Safety Education, West Virginia University

Experience/Technical Specialty:

Eighteen years. NEPA analysis and compliance and project management.

LASANTHA T. WEDANDE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: EIS DEPUTY PROJECT MANAGER

Education: M.S., Environmental Management, University of Maryland
B.S., Environmental Science, University of the District of Columbia
A.A.S., Water Quality, University of the District of Columbia

Experience/Technical Specialty:

Fourteen years. NEPA analysis and compliance and project management.

JAMES E. HAMMELMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: EIS DOCUMENT MANAGER

Education: M.S., Chemical Engineering, University of Washington
B.S., Chemical Engineering, Oregon State University

Experience/Technical Specialty:

Thirty years. Nuclear material processing, NEPA analysis and compliance, safety analysis, and program management.

COURTNEY MILLS BRANDENBURG, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: LONG-TERM PERFORMANCE ASSESSMENT

Education: B.S., Chemical Engineering, University of Maryland, Baltimore County

Experience/Technical Specialty:

Two years. Nuclear and hazardous waste environmental technical support, human health impact technical support, groundwater modeling, and quality assurance.

KAREN O. BULL, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: WATER RESOURCES, FLOODPLAIN AND WETLAND ASSESSMENT,
MITIGATION MEASURES, AND COMMENTS RECEIVED ON 1996 DEIS

Education: Professional Designation in Business Management, University of California,
Los Angeles Extension
B.A., Aquatic Biology, University of California, Santa Barbara

Experience/Technical Specialty:

Twenty-three years. NEPA analysis and compliance, water resources, and environmental regulatory compliance.

GEORGE E. BUTTERWORTH, III, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 2 AND APPENDIX C CONSISTENCY REVIEW

Education: M.S., Nuclear Engineering, Purdue University
B.S., Mechanical Engineering, West Virginia University

Experience/Technical Specialty:

Thirty-two years. Project management for CERCLA compliance at radiologically contaminated sites, environmental regulatory compliance, radioactive and hazardous waste management operations and compliance, safety analysis assessments, and regulatory reviews.

JOHN A. DiMARZIO, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: WASTE MANAGEMENT AND CUMULATIVE IMPACTS

Education: M.S., Geology, George Washington University
B.S., Geology, University of Maryland

Experience/Technical Specialty:

Twenty-four years. NEPA compliance, geology, water resources, waste management, and cumulative impacts.

SANDRA DOTY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: EROSION MODELING AND APPENDIX F

Education: M.S., Mineral Engineering, University of California, Berkeley
B.S., Geological Engineering, Colorado School of Mines

Experience/Technical Specialty:

Thirty years. NEPA compliance, geologic engineering, water resources, and modeling.

DANIEL W. GALLAGHER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: APPENDIX I AND HUMAN HEALTH IMPACTS

Education: M.E., Nuclear Engineering, Rensselaer Polytechnic Institute
B.S., Nuclear Engineering, Rensselaer Polytechnic Institute

Experience/Technical Specialty:

Twenty-eight years. Nuclear risk analysis.

MILTON E. GORDEN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 2 AND CHAPTER 3 MANAGER, APPENDIX C, AND
TRANSPORTATION ANALYSIS

Education: B.S., Nuclear Engineering, North Carolina State University

Experience/Technical Specialty:

Eighteen years. NEPA compliance, waste management, transportation, regulatory reviews, and technology transfer.

MICHAEL W. GRANT, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: GROUNDWATER MODELING SUPPORT AND APPENDIX E

Education: Ph.D., Chemistry, University of Tennessee
M.S., Chemical Engineering, University of Cincinnati
B.S., Chemistry, University of Tennessee

Experience/Technical Specialty:

Twenty-seven years. Environmental statistics, geostatistics, risk assessment, decision analysis, fate and transport modeling, and energy management.

AARON R. GREENE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: GIS SUPPORT

Education: M.S., Environmental Science, Indiana University, Bloomington
B.S., Environmental Science, Mansfield University

Experience/Technical Specialty:

Three years. Ecological field assessments, NEPA documentation, and GIS support.

SCOTT D. HEISER, P.E., PMP, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: RESOURCE COMMITMENTS, COMMENT RESOLUTION, AND QUALITY ASSURANCE

Education: M.S., Engineering Management, University Maryland University College
B.S., Mechanical Engineering, Virginia Polytechnic Institute & State University

Experience/Technical Specialty:

Seventeen years. Engineering and environmental project management, environmental compliance and site remediation.

ROBERT G. HOFFMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 3 AFFECTED ENVIRONMENT LEAD, LAND USE, AND VISUAL RESOURCES

Education: B.S., Environmental Resource Management, Pennsylvania State University

Experience/Technical Specialty:

Nineteen years. NEPA compliance, land use planning, regulatory review, and public participation support.

GEOFFREY KAISER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: LONG-TERM PERFORMANCE ASSESSMENT AND RISK ANALYSIS

Education: Ph.D., Theoretical Elementary Particle Physics, Cavendish Laboratory, Cambridge, United Kingdom
M.A., Natural Sciences, University of Cambridge, United Kingdom
B.A., Natural Sciences, University of Cambridge, United Kingdom

Experience/Technical Specialty:

Thirty years. Project management, risk analysis, performance assessments and hazards, and consequence analysis.

ROY KARIMI, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TRANSPORTATION, RISK ASSESSMENT, AND APPENDIX J LEAD

Education: Sc.D., Nuclear Engineering, Massachusetts Institute of Technology
N.E., Nuclear Engineering, Massachusetts Institute of Technology
M.S., Nuclear Engineering, Massachusetts Institute of Technology
B.S., Chemical Engineering, Abadan Institute of Technology

Experience/Technical Specialty:

Twenty-eight years. Nuclear power plant safety, risk and reliability analysis, design analysis, criticality analysis, accident analysis, consequence analysis, spent fuel dry storage safety analysis, and probabilistic risk assessments.

CHRISTOPHER MANIKAS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: GEOLOGY AND HYDROGEOLOGY

Education: M.S., Geology, The George Washington University
B.S., Geology, Virginia Polytechnic Institute and State University

Experience/Technical Specialty:

Twenty-nine years. Geology and hydrogeology.

STEVEN M. MIRSKY, P.E., SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: SHORT-TERM ACCIDENT ANALYSIS LEAD, ACCIDENT HISTORY,
EPIDEMIOLOGY, AND APPENDIX N LEAD

Education: M.S., Nuclear Engineering, The Pennsylvania State University
B.S., Mechanical Engineering, Cooper Union

Experience/Technical Specialty:

Thirty-two years. Safety analysis, nuclear power plant design, operations, foreign nuclear power plant system analysis, accident analysis, thermal hydraulics, and spent nuclear fuel dry storage safety analysis.

STEVEN E. MIXON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL WRITING AND EDITING

Education: B.S., Communications, University of Tennessee

Experience/Technical Specialty:

Twenty years. Technical writing and editing to produce environmental impact statements, public information products, strategic and multi-year program plans, white papers, speeches, and other documents for Government and public use.

SHEA NELSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: QUALITY ASSURANCE

Education: M.E., Environmental Engineering, University of Maryland
B.A., Environmental Sciences, University of Virginia

Experience/Technical Specialty:

Eight years. Groundwater modeling, human health impacts, and quality assurance.

DOUG OUTLAW, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: QUALITY ASSURANCE REVIEWS

Education: Ph.D., Nuclear Physics, North Carolina State University
M.S., Nuclear Physics, North Carolina State University
B.S., Physics, North Carolina State University

Experience/Technical Specialty:

Thirty years. Nuclear physics, safety analysis, and risk assessment.

PATRICIA PAPA, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: SUMMARY AND STAKEHOLDER GUIDE LEAD AND PUBLIC PARTICIPATION

Education: B.A., Syracuse University Newhouse School of Public Communications

Experience/Technical Specialty:

Twenty-three years. Public outreach and public communication.

SHARON M. PIETZYK, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ECOLOGICAL RESOURCES, CULTURAL RESOURCES, AND COMMENT
RESOLUTION

Education: M.S., Systems Management, University of Southern California

B.S., Biology, James Madison University

Experience/Technical Specialty:

Twenty-one years. NEPA compliance, ecological resources, cultural resources, waste management, comment response document, administrative record, quality assurance.

WILDA E. PORTNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL EDITING AND APPENDIX A SCOPING

Education: A.A., Business Administration, Frederick Community College

Experience/Technical Specialty:

Seventeen years. Technical editing and public outreach.

JOSEPH PRICE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: LONG-TERM PERFORMANCE ASSESSMENT LEAD

Education: Ph.D., Chemical Engineering, University of Maryland

M.S., Chemical Engineering, University of Maryland

B.Ch.E., Chemical Engineering, University of Dayton

Experience/Technical Specialty:

Twenty-seven years. Performance assessments, safety analyses, human health impacts, and physical process modeling.

LINDA ROBINSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: PROJECT QUALITY ASSURANCE, EVALUATION OF LAWS, REGULATIONS AND
OTHER REQUIREMENTS, AND APPENDIX A LEAD

Education: M.B.A., Loyola College

B.S., Earth Sciences Education, Texas Christian University

Experience/Technical Specialty:

Twenty-seven years. Nuclear and hazardous waste environmental project management, environmental regulatory compliance, public outreach, quality assurance.

NESETARI ROBINSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: LONG-TERM PERFORMANCE SUPPORT

Education: B.S., Chemical Engineering, University of Maryland, Baltimore County

Experience/Technical Specialty:

One year. Nuclear and hazardous waste environmental technical support, human health impact technical support, groundwater modeling, and quality assurance.

SANDRA E. ROBINSON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CULTURAL RESOURCES

Education: A.A., General/Environmental Studies, Frederick Community College

Experience/Technical Specialty:

Twenty-four years. Cultural resources, performance assessments, accidents investigations, regulatory compliance, records management, comment response documents, and technical editing.

GARY W. ROLES, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: INFRASTRUCTURE

Education: M.S., Nuclear Engineering, University of Arizona
B.S., Mechanical Engineering, Arizona State University

Experience/Technical Specialty:

Thirty years. Radioactive waste management, regulatory and compliance analysis, and NEPA analysis.

SEAN T. SCHATZEL, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: SOCIOECONOMICS AND ENVIRONMENTAL JUSTICE

Education: B.A., Political Economics/Public Administration, Bloomsburg University

Experience/Technical Specialty:

Two years. Socioeconomics and environmental justice.

JAMES R. SCHINNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: ECOLOGICAL RESOURCES

Education: Ph.D., Wildlife Management, Michigan State University
M.S., Zoology, University of Cincinnati
B.S., Zoology, University of Cincinnati

Experience/Technical Specialty:

Thirty-six years. Ecological field assessments, NEPA documentation, and regulatory reviews.

ROBERT L. SCHLEGEL, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: SUPPORT FOR THE PREPARATION OF CHAPTER 2 AND APPENDIX C

Education: N.E., Nuclear Engineering, Columbia University
M.S., Nuclear Engineering, Columbia University
B.S., Chemical Engineering, Massachusetts Institute of Technology

Experience/Technical Specialty:

Forty-six years. NEPA document preparation, Safety Analyses Report preparation, and assessment of radiological doses/associated adverse health impacts.

ELLEN L. TAYLOR, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: CHAPTER 4 LEAD

Education: Ph.D., Biology, University of Pennsylvania
B.A., Zoology, University of Vermont

Experience/Technical Specialty:

Twenty-five years. Environmental compliance and NEPA assessments.

ROBERT H. WERTH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: NOISE ANALYSIS, AIR QUALITY MODELING AND ANALYSIS, AND APPENDIX K LEAD

Education: B.A., Physics, Gordon College

Experience/Technical Specialty:

Thirty years. Acoustics and air quality analysis, regulatory reviews, and NEPA documentation.

PATRICIA WHERLEY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: TECHNICAL CONSULTANT

Education: B.A., Geography, The George Washington University

Experience/Technical Specialty:

Thirty-five years. NEPA compliance, public participation, and program management.

ZINTARS Z. ZADINS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

EIS RESPONSIBILITIES: WEST VALLEY SITE SUPPORT

Education: Ph.D., Geological Sciences, University of Rochester
M.S., Geological Sciences, University of Rochester
B.A., Geology, Washington and Lee University

Experience/Technical Specialty:

Twenty years. Geology, Closure Engineering Reports/Technical Reports.

ROBERT STEINER, WASHINGTON SAFETY MANAGEMENT SOLUTIONS

EIS RESPONSIBILITIES: WSMS PROJECT MANAGER

Education: B.S. Geochemistry, Oswego State University of New York

Experience/Technical Specialty:

Twenty-one years. Hydrogeology, Closure Engineering Reports/Technical Reports.

GREG TUCKER, UNIVERSITY OF COLORADO

EIS RESPONSIBILITIES: EROSION SENIOR TECHNICAL ANALYST

Education: Ph.D., Geosciences, Penn State University
B.A., Anthropology, Brown University

Experience/Technical Specialty:

Thirteen years. Geomorphology, landscape evolution, sediment transport, and numerical modeling.

COOPERATING AGENCIES/REVIEWERS

The following agencies have provided guidance during the preparation of the Draft EIS and reviewed the document, relative to their areas of expertise or regulatory jurisdiction, in order to determine its adequacy for public review. The State agencies will perform a full and detailed review of the Draft EIS during the public comment period and will provide any comments that result from said review during the public review/comment period.

PAUL A. GIARDINA, U.S. ENVIRONMENTAL PROTECTION AGENCY

EIS RESPONSIBILITIES: NEPA REVIEWER

Title: Chief, Radiation and Indoor Air Branch, Region 2

KEITH MCCONNELL, U.S. NUCLEAR REGULATORY COMMISSION

EIS RESPONSIBILITIES: NEPA REVIEWER

Title: Deputy Director for Decommissioning and Uranium Recovery Licensing

EDWIN DASSATTI, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

EIS RESPONSIBILITIES: SEQR REVIEWER

Title: Director, Division of Solid and Hazardous Materials

NEW YORK STATE ENVIRONMENTAL QUALITY REVIEW ACT (SEQR) INVOLVED AGENCIES

GARY BAKER, NEW YORK STATE DEPARTMENT OF HEALTH

EIS RESPONSIBILITIES: SEQR REVIEWER

Title: Principal Radiological Health Specialist